Monthly Divisional Report

New Jersey State Highway Department

July 1960

Form #AD-39

Reports — Monthly

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Accounting & Administrative Services

Bureau: Comptroller's Office
Bureau of Auditing & Accounting

The Comptroller, together with Mr. Schuyler of the Bureau of Maintenance and Messrs. Egan and Lacomchiek of the Cost Section of the Bureau of Auditing and Accounting, accompanied Mr. Vansant of I.B.M. at a demonstration of the new IBM 1401 high speed computer unit in New York.

This unit has many of the features of the larger computers at a much lower rental and is particularly adaptable to accounting. The purpose of the visit was to investigate the unit's application to department needs. Other IBM equipment was also demonstrated.

The Comptroller attended Task Force and sub-committee meetings.

The annual report of Expenditures and Commitments (July 1, 1959 to June 30, 1960) is in the process of preparation and typing.

Serialization of Stock Records is proceeding on schedule and should be completed early in September.

Approximately 2900 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills.

Warrants were drawn for 34 County and Municipal Aid payments amounting to $526,749.29. Funds were certified on Contracts, Price Agreements, Transfer forms, etc.

A conference with the Insurance Advisory Committee and representatives of the Claims Bureau, Department of Law & Public Safety was attended by Mr. John Kilpatrick together with Messrs. Andrews and Henderson. The problem of insuring the liability of employees because of accidents arising from the course of their employment was thoroughly discussed.

Cyrus Card
Comptroller

SECT. 2.08

Form #AD-39

MONTHLY DIVISIONAL REPORT

Month of July 1960

Division: Accounting & Administrative Services
Bureau: Comptroller's Office
Bureau of Auditing & Accounting

The Comptroller, together with Mr. Schuyler of the Bureau of Maintenance and Measure, Egan and Lacomchick of the Cost Section of the Bureau of Auditing and Accounting, accompanied Mr. Vansant of I.B.M. at a demonstration of the new IBM 1401 high speed computer unit in New York.

This unit has many of the features of the larger computers at a much lower rental and is particularly adaptable to accounting. The purpose of the visit was to investigate the unit's application to department needs. Other IBM equipment was also demonstrated.

The Comptroller attended Task Force and sub-committee meetings.

The annual report of Expenditures and Commitments (July 1, 1959 to June 30, 1960) is in the process of preparation and typing.

Serialization of Stock Records is proceeding on schedule and should be completed early in September.

Approximately 2900 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills.

Warrants were drawn for 31 County and Municipal Aid payments amounting to $526,749.29. Funds were certified on Contracts, Price Agreements, Transfer forms, etc.

A conference with the Insurance Advisory Committee and representatives of the Claims Bureau, Department of Law & Public Safety was attended by Mr. John Kilpatrick together with Messrs. Andrews and Henderson. The problem of insuring the liability of employees because of accidents arising from the course of their employment was thoroughly discussed.

Cyrus Gard
Comptroller

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Accounting and Administrative Services

Bureau: Administration

CONTRACTS

Bids received on eight (8) projects and necessary reports and certificates of award prepared. Three (3) contracts awarded; contracts prepared and forwarded for execution. Execution of nine (9) contracts completed. Four (4) projects advertised for bids. One hundred thirty (130) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Four (4) Schedules prepared listing a total of three hundred twenty (320) items; which by a combination of items where possible represents action on four hundred twenty-one (421) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

11 Standard Specifications issued
1 Deposit made for transmittal of income
5 Traffic Regulations certified to Division of Motor Vehicles
52 Property Agreements attested and processed
18 Agreements attested and processed
36 Municipal Aid contracts, applications, agreements, transfers, etc. certified
13 General Releases executed
2 Deeds of Conveyance acknowledged and processed
4 Utility Orders attested and processed
2 Public Hearings advertised

General correspondence, filing and answering telephone inquiries.

Recording of checks received in this office for Earnings Account and forward to Accounting Division.

Receiving and reading bids at four lettings.

Peter Cimbala

Peter Cimbala
Acting Secretary

Form 4AD-39

MONTHLY DIVISIONAL REPORT

Month of July 1960

Division: Accounting and Administrative Services
Bureau: Administration

CONTRACTS

Bids received on eight (8) projects and necessary reports and certificates of award prepared. Three (3) contracts awarded; contracts prepared and forwarded for execution. Execution of nine (9) contracts completed. Four (4) projects advertised for bids. One hundred thirty (130) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Four (4) Schedules prepared listing a total of three hundred twenty (320) items; which by a combination of items where possible represents action on four hundred twenty-one (421) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

11 Standard Specifications issued
1 Deposit made for transmittal of income
5 Traffic Regulations certified to Division of Motor Vehicles
52 Property Agreements attested and processed
18 Agreements attested and processed
36 Municipal Aid contracts, applications, agreements, transfers, etc. certified
13 General Releases executed
2 Deeds of Conveyance acknowledged and processed
4 Utility Orders attested and processed
2 Public Hearings advertised

General correspondence, filing and answering telephone inquiries.

Recording of checks received in this office for Earnings Account and forward to Accounting Division.

Receiving and reading bids at four Lettings.

Peter Cimbala
Acting Secretary

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Administration

Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2824 checks for the month of Maintenance Bureau employees. Total of payrolls for the month $471,616.71.

Also prepared bi-weekly payrolls and checks for 175 hourly basis employees assigned to Penn*Jersey Transportation and Traffic Survey with a total of $25,098.89 for the month.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work.

Correspondence regarding Hourly Basis employees.

Spent two (2) days in the field paying hourly basis employees during the absence of regular Paymaster on Military Leave with National Guard. One day in Compensation Court at Camden due to death of employee during course of employment. One (1) day in field conferring with employees regarding retirement.

Clyde W. Case
Head Paymaster

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Administration

Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2824 checks for the month of Maintenance Bureau employees. Total of payrolls for the month $41,616.71.

Also prepared bi-weekly payrolls and checks for 175 hourly basis employees assigned to Penn-Jersey Transportation and Traffic Survey with a total of $25,098.89 for the month.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work.

Correspondence regarding Hourly Basis employees.

Spent two (2) days in the field paying hourly basis employees during the absence of regular Paymaster on Military Leave with National Guard. One day in Compensation Court at Camden due to death of employee during course of employment. One (1) day in field conferring with employees regarding retirement.

Clyde W. Case
Head Paymaster

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY 1960

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

ITEMS OF SURPLUS FURNITURE WAS RECEIVED FROM VARIOUS GOVERNMENT AGENCIES. SOME OF THIS FURNITURE HAS BEEN DISTRIBUTED WHERE NEEDED BUT THE BULK OF THIS FURNITURE WILL BE ASSIGNED TO MAINTENANCE FIELD OFFICES WHICH ARE UNDER CONSTRUCTION OR ARE PROPOSED TO BE CONSTRUCTED IN THE NEAR FUTURE.

THERE IS A NEED FOR MORE OFFICE SPACE AND A SURVEY HAS BEEN MADE THROUGHOUT THE BUILDING. IT WAS DECIDED THAT THIS CONDITION IN REGARDS TO OFFICE SPACE COULD ONLY BE ALIVIATED BY CONSULADATION OF EMPLOYEES AND PROBABLY BY MOVING VARIOUS PARTITIONS.

FILES & RECORDS

WORK CONTINUES ON A REVISION OF THE FILES IN THE BRIDGE DIVISION IN ORDER TO CONSERVE SPACE AND SPEED RETRIEVAL OF MATERIAL WHEN NEEDED.

CLEARING OUT THE BASEMENT RESULTED IN GATHERING TOGETHER OVER 200 BUNDLES OF FILES OR THE EQUIVALENT OF 50 FILE DRAWERS. THIS MATERIAL WILL GO TO OUR LOW COST RECORDS CENTER WHERE IT WILL NEED CULLING IN ORDER TO SAVE MATERIAL THAT MUST BE RETAINED AND TO DISPOSE OF THAT WHICH HAS BEEN AUTHORIZED BY THE STATE RECORDS COMMITTEE FOR DESTRUCTION. HOWEVER THIS WORK MUST NEEDS WAIT UNTIL FALL AS THE RECORDS BUILDING IS EXTREMELY HOT IN SUMMER, THE TEMPERATURE OFTEN REACHING A HUNDRED DEGREES. FURTHER, SINCE ONLY TWO WINDOWS OPEN THERE IS NOT MUCH VENTILATION POSSIBLE. IN ADDITION THOUSANDS OF BUGS INVADE THE BUILDING FROM CRACKS ALONG THE FOUNDATION OF WALLS AND THE GIRLS OBJECT TO WORKING OVER THERE UNDER SUCH CONDITIONS. THOUSANDS OF PUBLIC RELATIONS THROW-AWAYS ARE ALSO TO BE STORED THERE ALTHOUGH CONDITIONS ARE NOT IDEAL FOR THIS TYPE OF MATERIAL. THE BUILDING IS NOT SERVICED BY THE BUILDING MAINTENANCE WORKERS AND THE ONLY CLEANING IS WHAT WE DO OURSELVES.

MAIL SECTION

BESIDE OUR REGULAR PICK UP AND DELIVERY OF THE MAIL, WE WERE KEPT BUSY EVERY SPARE MOMENT FOLDING AND STAPLING "THROW-AWAYS" FOR THE BUREAU OF PUBLIC RELATIONS.

WE ARE STILL RECEIVING NUMEROUS MAP REQUESTS AND HAVE MAILED OUT THOUSANDS OF THEM TO PEOPLE WHO REQUEST TEN, TWENTY, FIFTY OR MORE AT A TIME. REQUESTS OF 500 OR MORE ARE SENT RAILWAY EXPRESS.

OVER $1,000.00 WAS SPENT OM POSTAGE FOR PREPAID ENVELOPES FOR THE VARIOUS BUREAUS.

MAIL FROM THE SECRETARY'S OFFICE AND THE BUREAU OF CONSTRUCTION GENERAL AS WELL AS THE BUREAU OF PUBLIC RELATIONS WAS HEAVIER THAN USUAL.

Form AAD-30

MONTHLY DIVISIONAL REPORT

Month of July 1960

Division: Accounting & Administrative Services

Bureau: Office Services

OFFICE SERVICES

Items of surplus furniture was received from various government agencies. Some of this furniture has been distributed where needed but the bulk of this furniture will be assigned to Maintenance field offices which are under construction or are proposed to be constructed in the near future.

There is a need for more office space and a survey has been made throughout the building. It was decided that this condition in regards to office space could only be alleviated by consolidation of employees and probably by moving various partitions.

FILES & RECORDS

Work continues on a revision of the files in the Bridge Division in order to conserve space and speed retrieval of material when needed.

Clearing out the basement resulted in gathering together over 200 bundles of files or the equivalent of 50 file drawers. This material will go to our low cost records center where it will need culling in order to save material that must be retained and to dispose of that which has been authorized by the State Records Committee for destruction. However this work must needs wait until Fall as the Records Building is extremely hot in summer. The temperature often reaching a hundred degrees. Further, since only two windows open there is not much ventilation possible. In addition thousands of bugs invade the building from cracks along the foundation of walls and the girls object to working over there under such conditions. Thousands of Public Relations throw-aways are also to be stored there although conditions are not ideal for this type of material. The building is not serviced by the building maintenance workers and the only cleaning is what we do ourselves.

MAIL SECTION

Besides our regular pick up and delivery of the mail, we were kept busy every spare moment folding and stapling "throw-aways" for the Bureau of Public Relations.

We are still receiving numerous map requests and have mailed out thousands of them to people who request ten, twenty, fifty or more at a time. Requests of 500 or more are sent Railway Express.

Over $1,000.00 was spent on postage for prepaid envelopes for the various bureaus.

Mail from the Secretary's office and the Bureau of Construction General as well as the Bureau of Public Relations was heavier than usual.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY 1960

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

DUPLICATING SECTION

WE WERE KEPT BUSY DURING THE MONTH OF JULY WITH THE USUAL ROUTINE ASSIGNMENTS.

THESE INCLUDED THE PROCESSING OF NEW AND REVISED FORMS, THE USE OF XEROGRAPHY FOR THE REPRODUCTION OF VARIOUS REPORTS, NEWS ARTICLES, ETC., THE OPERATION OF THE VEROFAX, MIMEOGRAPHS, ADDRESSOGRAPH, ETC.

NEW AND ADDITIONAL SUPPLIES WERE ORDERED ALSO REQUESTS WERE MADE (DUE TO BUDGET APPROVAL) FOR REPLACEMENT EQUIPMENT AND NEW EQUIPMENT.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY, 19 60.

Division: Accounting and Administrative Services

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of July, 1960, were mostly of a routine nature.

The resignation of Mrs. Decca Vasta Piazza, Clerk Typist, was accepted effective July 24, 1960.

Check in the amount of $1410.13 from Harvey Cohen, Inc., Trenton, covering the sale of 2110 lbs. of Scrap Sheet Aluminum at $.1427-lb., totaling $301.10 and 32.09 net tons of Scrap Cast Iron at $34.56-NT., totaling $1109.03 - making the above grand total of $1410.13, as a result of Harvey Cohen's high bid of June 9, 1960, was forwarded to Mr. Cyrus Card, Comptroller.

Papers were processed setting up four new positions - two at Merchantville and two at Newark Garage - looking toward Purchase and Stores Bureau establishing stock rooms at these two locations.

Interviewed 27 salesmen representing various concerns during the month and attended 7 meetings regarding departmental matters and purchases.

Clifford Wear

Clifford Wear
Supervisor, Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of [illegible], 1950, were mostly of a routine nature.

The reclamation of [illegible] Vasta Pieces, Dark Typist, was completed [illegible].

A check in the amount of $1,410.13 from Harvey Cohen, Inc., Trenton, covering the sale of 2110 lbs. of Scrap Sheet Aluminum at $.1427-lb., [illegible] $302.10 and 32.09 net tons of Scrap Cast Iron at $31.50-N.T., totaling $1109.03 - making the above grand total of $1410.13, as a result of Harvey Cohen's high bid of June 9, 1950, was forwarded to [illegible].

Stores were processed setting up four new positions - two at Hamilton and two at Newark Stores - looking toward Purchase and Stores Bureau establishing stock rooms at these two locations.

Interviewed 27 salesmen representing various concerns during the month and attended 7 meetings regarding departmental matters and [illegible] sales.

William West
Supervisor, Purchase and Stores

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Bridge

Bureau: Bridges Under Construction

		% COMPLETION
Rt. US1:		
Sec. 1A	Reconstruction of Oakland Ave., Jersey City, Hudson Co.	100
Sec. 6A	U.P. Milltown Rd., New Brunswick Twp., Middlesex Co.	38
Rt. US1&9:		
Sec. 1&2	Ramp Revisions, Jersey City, Hudson Co.	89
Rt. 3:		
Sec. 4A	Repair to Header at Lincoln Tunnel Approach, No. Bergen Twp., Hudson Co.	0
Rt. US9:		
Sec. 2	Cape May Canal Bridge, Lower Twp., Cape May Co.	99
Rt. 10:		
Sec. 2A	U.P. at Salem St., Randolph Twp., Morris Co.	97
Rt. 15:		
Sec. 1	Burnt Meadow Brook Bridge, Rockaway & Wharton, Morris Co.	99
Rt. 17:		
Sec. 3	U.P. at Century Road, Paramus, Bergen Co.	98
Rt. 18:		
Sec. 2	2 O.P., 2 Walls, New Brunswick, Middlesex Co.	97
Sec. 5	O.P. at Rt. US9, Madison Twp., Middlesex Co.	91
Rt. 20:		
Sec. 4A	U.P. at Ramp B, Paterson, Passaic Co.	9
Rt. 21:		
Sec. 1 C	14 Structures, Nutley & Clifton, Essex & Passaic Cos.	52
Rt. US22, Sec. 13A 4, Sec. 2A US46, Sec. 15A	4 Pedestrian O.P., 1 Stair, Boros of Mountainside, Paramas, Hasbrouck Heights, Union & Bergen Cos.	90
Rt. 28:		
Sec.1A&7A	LVRR Bridge at Westfield Ave., Roselle Park, Union Co.	5
Rt. US30:		
Sec. 14A	2 Pedestrian O.P. at 16th St. & Rodmand Ave., Camden & Pennsauken Twps., Camden Co.	21

reconstruction of Oakland Ave., Jersey City, Hudson Co.
U.P. Hilltown Rd., New Brunswick Twp., Middlesex Co.

[illegible]

[illegible]
son Co.

[illegible]

U.P. at Salem St., Randolph Twp., Morris Co.

Mount Meadow Brook Bridge, Rockaway & Hanover, Morris Co.

U.P. at Century Road, Paramus, Bergen Co.

2 C.&.., 2 Rail, New Brunswick, Middlesex Co.
O&P. at Mt. [illegible], Madison Twp., Middlesex Co.

C.P. at [illegible] 2, Paterson, Passaic Co.

[illegible] Jly Structures, Hutley & Clifton, Essex & Passaic Co.

[illegible], Sec. 12A
[illegible], Sec. 2A
[illegible], Sec. 12A

Pedestrian O.P., 1 Stair, Across of Contaminide,
[illegible]

IWRR Bridge at Westfield Ave., Roselle Park, Union Co.

2 Pedestrian C.P. at 15th St. & Kodmand Ave., Camden &
[illegible]

DIVISION: Bridge

BUREAU:	Bridges under Construction	% COMPLETION
Rt. 35:		
Sec. 10A	Matawan Cr. Bridge Deck, Matawan Twp., Monmouth Co.	51
Sec. 12B	Two LVRR Bridges over Main & Spur Lines, City of Perth Amboy and Woodbridge Twp., Middlesex Co.	72
Sec. 12C	Victory Bridge, Fender Repair, Perth Amboy	99
Rt. 78:		
Sec. 2E	5 Structures, Bloomsbury, Beth. & Union Twps, Hunterdon Co.	97
Sec. 2F	2 O.P. at CRR & LVRR, Bloomsbury & Beth.Twps. Hunterdon Co.	92
Rt. 80:		
Sec. 2E	10 Bridges, Netcong & Roxbury, Morris Co.	76
Sec. 4A	Bridge over Rt. 20, Passaic River & Slaughterdam Road - Paterson & E. Paterson, Passaic & Bergen Cos.	74
Rt. 82:		
Sec. 1A	LVRR Bridge at Morris Ave., Union Twp., Union Co.	27
Rt. 95:		
Sec. 1D	2 O.P. at Broad Ave. & Grand Ave., Flat Rock Brook Culvert & Flume, City of Englewood & Leonia Twps., Bergen Co.	0
Rts. 129 & 29:		
Sec.1A&15A	8 Structures, Ewing & Hopewell Twps., Mercer Co.	74
Rt. US130:		
Sec.7A&8B	3 Bridges, Pennsauken & Cimmaminson Twps., Camden & Burlington Cos.	41
Rt. 169:		
Sec. 1	Three Bridges, Bayonne & Jersey City, Hudson Co.	82
Rt. 202:		
Sec. 8A	6 Bridges, Raritan, Readington & Branchburg Twps., Hunterdon & Somerset Cos.	1
Rt. 208:		
2A,1A,3B	4 U/P., 1 Culvert, Boro of Franklin & Hawthorne, Twp. of Wyckoff, Bergen & Passaic Cos.	56
Sec. 3A	Pedestrian O.P. at Ethel Ave., Boros of Hawthorne, Glen Rock, Fair Lawn, Passaic & Bergen Cos.	87
Rt. 287:		
Sec. 1B	9 Bridges, Bridgewater Twp., Somerset Co.	56
Sec.1C&2B	7 Bridges, Franklin-Piscataway Twp., Somer-Middlesex Cos.	77

Between Gr. Bridge Level, Lawson Twp., Somerset Co. 32
Two IVWR Bridges over Main & Pine Haven, City of Perth
Amboy and Woodbridge Twp., Middlesex Co. 47
Victory bridge, Frazier Report, Essex County 49

5 Structures, Bloomsbury, Main & Union Aps, Hunterdon Co. 27
2 C.C. at Old & IVWR, Bloomsbury & Pen.Twp. Hunterdon Co. 28

10 Bridges, Hoboken & Secaucus, Hudson Co. 15
Bridge over RR. 20, Passaic River & Slamphrodum Road -
Paterson & W. Paterson, Passaic & Bergen Cos. 14

IVWR bridge at Morris Ave., Union Co., Union Co. 27

2 C.C. at Broad Ave. & Grand Ave., Flat Rock Brook Culvert
& Flume, City of Englewood & Leonia Twps., Bergen Co. 6

3 Structures, Main & Roosevelt Aves., Bergen Co. 14

3 Bridges, Hackensack & Chamberlain Roads, Lawden &
Burlington Cos. 34

Three Bridges, Bayonne & Jersey City, Hudson Co. 20

[illegible]
Hunterdon & Somerset Cos.

4 U.P., 1 Culvert, Town of Franklin & Hackensack, Twp. of 23
Wyckoff, Bergen & Passaic Cos.
[illegible] 87
Rock, Fair Lawn, Passaic & Bergen Cos.

9 Bridges, Bridgewater Twp., Somerset Co. 55
7 Bridges, Franklin-Hackensack Twp., Somerset-Middlesex Cos. 77

DIVISION: Bridge

BUREAU: Bridges Under Construction

		% COMPLETION
Rt. 295:		
Sec. 1C	9 Structures, Deptford & Westville, Camden-Gloucester Cos.	94
Sec. 1D	4 Structures, Boro Westville, Camden & Gloucester Cos.	66

Redecking 4 Bridges:

Rt. 36, Sec. 3A, Shrewsbury River Bridge, Highland Boro, Monmouth Co.	0%	1
Rt. 47, Sec. 8A&9A,-Manantico Cr. Br., Millville, Cumberland Co.	0%	
Rt. 49, Sec. 3A&4A, Alloways Cr. Bridge, Quinton Twp., Salem Co.	0%	
Rt. 130, Sec.1A&6A, Big Timber Cr. Br., Brooklawn-Westville Twp., Camden & Gloucester Cos.	27%	

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Bridge

Bureau: Design Sheet 1 of 2

Rt.1&9 Truck	Pulaski Skyway - Drainage: Extra work order to Mal-Bros Contr. Co.
Rt.US1 Sec.	Underpass at Woodbridge Ave.: Plans being prepared.
Rt. 3 Sec.	Hackensack River Bridge (Redecking): Plans being prepared.
Rt. 3 Sec.	Hackensack River Bridge: Plans being prepared by Hardesty & Hanover.
Rt. 4 Sec. 4	Pedestrian Bridge at Grand Ave.: Plans being prepared.
Rt. 10 Sec. 7	Canoe Brook Bridge: Plans being prepared.
Rt. 13 Sec. 1	Lovelandtown Bridge Extension: Plans being prepared.
Rt. 17 Sec. 7	Underpass at East Ridgewood Ave.: Plans being prepared.
Rt. 18 Sec.	S.B. Bridge over Raritan River R.R.: Plans being prepared.
Rt.US22 Sec.	Liberty Ave. Viaduct Widening: Plans being prepared.
Rt.US22 Sec.	U.P. at Relocated Mountain Ave.: Plans being prepared.
Rt. 28 Sec.	Bridges over Green Brook and Bound Brook: Plans being prepared.
Rt. 40 Sec.2A	Game Creek Bridge: Plans prepared by Clarke & Hartman. Advertised for bids to be received August 4, 1960.
Rt. 46 Sec.3A	Pedestrian O.P. at Washington Terrace: Plans being prepared.
Rt. 54 1A,2A,3A	Culvert at Station 616+88: Plans being prepared.
Rt. 78 Sec.2G	Six Bridges: Reviewing plans prepared by Parsons,Brinckerhoff,Quade & Douglas.
Rt. 78 Sec. 4	14 Bridges: Reviewing plans prepared by DeLeuw, Cather & Brill.

Sheet 1 of 2

MONTHLY DIVISIONAL REPORT Month of July, 1960

Division: Bridge

Bureau: Design Section Sheet 2 of 2

Rt. 80: Bergen-Passaic Expressway:
Sec. 4 Reviewing plans prepared by Fay, Spofford & Thorndike.

Rt. 80 Bergen-Passaic Expressway:
Sec. 5 Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 80 Four Bridges:
Sec.2J Plans prepared by Louis Berger & Associates. Bids received 7/21/60. Franklin Contracting Co., low bidder.

Rt. 82 Culvert:
Sec.1A Plans being prepared.

Rt.95&80 Interchange - 6 Structures:
Interch. Plans being prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 95 Bergen-Passaic Expressway:
Sec. 1 Reviewing plans prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 130 3 Culverts - Extensions:
Sec.7B&10B Plans being prepared by Ruther & Associates.

Rt.168 Culvert at Sta. 112+50, Black Horse Pike:
Sec. Plans complete except for quantities.

Rt. 206 Rt. 206 over Rt. 130 S.B.:
Sec. Plans being prepared.

Sec. Rt. 206 S.B. over Rt. 130 N.B.:
Plans being prepared.

Rt. 208:
Sec. 2C Overpass at NYS&WRR:
Plans & specs. prepared. Submitted to BPR for approval.

Sec. 4 Six Structures:
Reviewing plans prepared by Goodkind & O'Dea.

Rt. 287
Sec. 2C 23 Structures (Rt. 27 to Stelton Road):
Reviewing plans prepared by Madigan-Hyland.
Sec.3A&3B 14 Structures (East of Stelton Road):
Reviewing plans prepared by Madigan-Hyland.
Sec.4 5 Structures:
Reviewing plans prepared by Goodkind & O'Dea.
Sec. 4 4 Structures:
Reviewing plans by Madigan-Hyland.

Rt. 295
Sec. 2E 7 Structures:
Reviewing plans prepared by Sherman, Taylor & Sleeper.
Sec. 2F 5 Structures:
Reviewing plans prepared by Sherman, Taylor & Sleeper.

Rt. 322: Widening 3 Bridges:
Sec.3A Advertised for bids to be received August 11, 1960.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Maintenance and Operations

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Status of lighting plans, specifications and estimates: Bergen-Passaic Expressway, I-80-4, West of Parkway, 66%, Fay, Spofford & Thorndike; Bergen-Passaic Expressway, Garden State Parkway to George Washington Bridge, Rt. I-80 & Rt. I-95, 40%, Parsons, Brinckerhoff, Quade & Douglas; Rt.287,Possumtown Road to Rt. US1, 35%, Madigan-Hyland; Rt. 295 - Rt.I-80S to Rt. US130, 80%, Electrical Bureau. Highway lighting construction contract, Rt.295, Copley Road to Rt. I-80S, 8.66%. Taking readings and preparing "asbuilt" illumination data, Rt. 78, Clinton By-pass.

MAINTENANCE AND OPERATIONS

32 bridges in full time operation, 5 on 24 hr. notice. Routine maintenance, all movable bridges, 101 traffic signals, 5 lane control systems, 887 illuminated signs. Replacing lighting, signals, sign equipment, bridge warning gates, damaged by traffic.

CONSTRUCTION

14 traffic signals under construction, 10 completed. 4 of 17 traffic signal revisions completed. Traffic signal construction contract, Rt.US130 and Rt. 38, 30% completed. Contract construction started, renewal of underground for lighting, Rts. US1 & 9, North Avenue to the Elizabeth City line.

DESIGN AND INSPECTION

8 surveys, drawings prepared for Bureau of Planning and Traffic. Underground structures for electrical systems in roadway contracts, 6 designed and estimated. Plans and specifications completed for new contract, 50 underground structures for traffic signals. Inspection, 26 PUO relocations, 34 road construction projects, 6 FAS projects, 3 prime electrical contracts. Contract plans being prepared, Rt. 129, Sec. 1, Scudders Falls Bridge Approach, 10% completed.

NEGOTIATIONS

9 traffic signals under negotiation, 8 completed. 7 field inspections, contacts with local officials.

CLAIMS

Payments of claims in amount of $2,683.79 received, 32 claims set up, totaling $7,121.67. (twenty-nine result from property damage accidents, two from work performed for parties outside the Department, one from supplying information on traffic signal operation.)31 work orders - 26 result from property damage accidents, two from traffic signal cost sharing agreements, 3 from work performed for parties outside the Department, totaling $10,320.00.

MISCELLANEOUS

Maintenance of 237 mobile radio units, 10 base stations.

[illegible] plans, specifications and estimates: Berwyn-Pasadic [illegible] West of Hackney, 66%, May, Scott"ord & Thornbike; Berwyn-[illegible] Garden State Parkway to George Washington Bridge, [illegible] Parsons, Brinckerhoff, Quade & Douglas; 44.2%, Cranbourn [illegible] 7- 38, 8.66%. Taking readings and preparing "Rabnilt" illumination data, [illegible]

[illegible] in full time operation, 5 on 24 hr. notice. Routine maintenance [illegible] 102 traffic signals, 5 time control systems, 387 [illegible] signs. Motorist [illegible] operated by traffic.

[illegible] traffic signals under construction, 10 completed. 4 of 17 traffic signal [illegible] completed. Traffic signal construction contracts, #.#0130 and #. 30, [illegible] contract construction started, removal of underground for lighting [illegible] 1 & 9, North Avenue to the Elizabeth City Line.

[illegible] Average, drawings prepared for Bureau of Planning and Traffic. Underground [illegible] for electrical systems in roadway contracts, 6 designed and estimated. [illegible] and specifications completed for new contracts, 5% underground structures [illegible] 6 MUS projects, 3 prime electrical contracts. Contract plans being [illegible] 36. 1.25, Dec. 1, Boulders Valley Improved, 10% completed.

[illegible] traffic signals under negotiation, 8 completed. 7 field inspections, contacts [illegible] local officials.

[illegible] of claims in amount of $6,038.75 received, 32 claims set up, totaling [illegible] .67. (Worry-free result from property damage accidents, two from work [illegible] for parties outside the Department, one from supplying information on [illegible] signal connection.)31 work orders - 25 result from property damage [illegible], two from traffic signal cost sharing arrangements, 3 from work [illegible]

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Maintenance and Operations

Bureau: Maintenance

MAINTENANCE BUILDINGS AND STRUCTURES

Construction continued on maintenance building, Route 130, Edgewater Park; work started on re-roofing Laboratory Building No. 18, addition to maintenance building, Route 69, Flemington, and addition to Hammonton Garage to house boiler room and gas station; completed erection of new maintenance building for Route 3, North Bergen; continued building revisions for Sign Shop at Fernwood; contract awarded for fencing six maintenance yards; site development continued for maintenance yard on Route 1 at Sand Hills; site investigations and survey work started for new Department garage and service building, Route 70, Delaware Township, and new maintenance yard, Route 60, Ocean Township; investigated additional properties in Union County for new maintenance yard; started design of new maintenance building, Route 9, Manahawkin; completed check on availability of construction materials at Troy Village property acquisition.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected one completed construction project (Route 80S, Section 1, Route 130 to Route 295) preliminary to acceptance by the Bureau, and reinspected one project previously rejected (Route 611, Section 1, Delaware Water Gap) and found both to be in satisfactory condition for acceptance.

PERMITS SECTION

Total of 320 applications processed, including 178 for road openings, 44 for erection of poles, 73 for entrances and 25 for miscellaneous projects. Completed encroachment survey on Route 69. The summary indicates that of the 438 encroachments, 364 were signs of various types, with an average of slightly less than nine encroachments per mile.

SIGNS AND LINES SECTION

Erected new type green directionary signs on Route 46 at Mountain View, all types of signs on Route 1 at Plainfield Avenue, Old Post Road and jughandle at Ford Plant in Metuchen, and at Cheesequake Control on Route 9, detour signs on Route 35 at Matawan Creek Bridge, and special signs on Route 322 at Williamstown at the request of the State Police. Erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 23, Clermont Avenue to Route 46, Route 440 Clendenny Avenue to Danforth Avenue, Jersey City, Route 40, from County Route 540 to New Jersey Route 48, and FAI-95, from Teaneck Creek to Northern Railroad. Lombardi Striping Company has completed approximately 30% of the work under Contract No. 1 for painting white traffic lines.

LANDSCAPE SECTION

Dapero Tree Experts, Incorporated, completed second Herbicide Chemical Spray Treatment under its two contracts ("North" and "South").

[illegible] BUILDING AND ADDITIONS

[illegible]ruction continued on maintenance building, Route 130, Edgewater Park; [illegible] on re-roofing Laboratory Building No. 16, addition to maintenance building, Route 69, Flemington, and addition to Hammonton Garage to boiler room and gas station; completed erection of new maintenance building for Route 3, North Bergen; continued building revisions for Sign Shop in Fernwood; contract awarded for fencing six maintenance yards; site [illegible] continued for maintenance yard on Route 1 at Sand Hills; site [illegible]tions and survey work started for new Department garage and service [illegible], Route 70, Delaware Township, and new maintenance yard, Route 60, [illegible] Township; investigated additional properties in Union County for new [illegible] yard; started design of new maintenance building, Route 9, [illegible]kin; completed check on availability of construction materials at [illegible] requirements.

[illegible] OF OPERATING LAWFUL-TYPE PROJECTS

[illegible]ted one completed construction project (Route 606, Section 1, Route [illegible] to Route 295) preliminary to acceptance by the Bureau, and reinspected [illegible] project previously rejected (Route 611, Section 1, Delaware Water Gap) [illegible] found both to be in satisfactory condition for acceptance.

[illegible]

[illegible] of 320 applications processed, including 178 for road openings, 44 for [illegible] of poles, 73 for entrances and 25 for miscellaneous projects. Con[illegible] encroachment survey on Route 69. The summary indicates that of the [illegible] encroachments, 364 were signs of various types, with an average of [illegible] less than nine encroachments per mile.

[illegible]

[illegible]ed new type green directionary signs on Route 46 at Mountain View, all [illegible] of signs on Route 1 at Plainfield Avenue, Old Post Road and Junienzie [illegible] Plant in Mehlenbergen at Chesapeake Control on Route 9, detour signs [illegible] Route 35 at Matawan Creek Bridge, and special signs on Route 322 at [illegible]town at the request of the State Police. Erected Service Connection [illegible] and passed out Notices Prior to Reconstruction in connection with construction projects on Route 23, Clermont Avenue to Route 46, Route 440 [illegible]landenny Avenue to Danforth Avenue, Jersey City, Route 40, from County [illegible] Route 340 to New Jersey Route 48, and FAI-95, from Teaneck Creek to Northern [illegible]oad. Lombard Striping Company has completed approximately 30% of the [illegible] Commerce Dr. 1 [illegible] Trenton Shipyard Line.

[illegible]

[illegible] Tree Experts, Incorporated, completed second Herbicide Chemical Spray [illegible] the two [illegible] ("Force" and "Spray").

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Maintenance and Operations

Bureau: Maintenance

CONSTRUCTION AND MAJOR MAINTENANCE PROJECTS

Completed miscellaneous construction projects totaling approximately $17,500.00, including curb revisions at Strawberry Street, Trenton, island revision on Route 9 in Manalapan Township, driveway construction on Route 22 at Mountainside, and drainage improvements on Route 30 in Mullica Township and on Route 80 at Hibernia Avenue in Morris County, and institutional construction projects totaling approximately $125,000.00, including the construction of parking areas at the Teaneck Armory, New Lisbon State Colony, Marlboro State Hospital and Neuro-Psychiatric Institute, and paving at the Netcong Garage. Completed resurfacing work on Route 71 at Avon and at High Point State Park, and surface treatment work at Jenny Jump State Forest.

BRIDGE SECTION

Completed repairs to piers and center barrier curb at Beach Thorofare at Atlantic City, rebuilding of wingwalls on Route 206 at Ross' Corner, concrete repairs to culvert at Fiddler's Creek on Route 29 at Titusville, and repairs to concrete sidewalks on Route 46 at McBride Avenue and Peckmans Brook on Route 46. J. I. Hass Company, Incorporated has completed approximately 75% of the work under its contract for painting the remaining portion of the Pulaski Skyway, and Roseland Painting and Decorating Company has completed approximately 85% of the work under its contract for painting the Edison Bridge on Route 9 and all work under its contract for painting the bridges over the Shrewsbury River on Route 36 and Cheesequake Creek on Route 35. Department forces completed painting work on the Overpeck Creek Bridge, Grand Avenue Overpass and pipe rail at Teterboro on Route 46, and Pedestrian Overpass and Penhorn Creek Bridge on Route 3 at Secaucus.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Maintenance & Operations

Bureau: of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received during the month by the Bureau of Plant & Equipment: one Allis Chalmers, Model TR-11, ripper; twelve International medium duty dump trucks, one Ford, 3/4-ton pickup truck with hydraulic tail-gate; six Plymouth, 2-door sedans; six Black Hawk T-4 transmission jacks; four Black Hawk T-1 tranmsission jacks and ten pair Black Hawk, Model AX7, 7-ton iron stands.

SNOW PLOW SECTION

The following work was accomplished in this section: repaired and painted 26 spreader gates and safety seats; eight 4-U spreaders; equipped nine new trucks for snow removal and ice control; relocated power lifts on two Dodge trucks; repaired three trip springs, 87 hydraulic pumps and 98 hydraulic rams; tested 250 hydraulic hoses; cleaned two radiators. The steam jenny was in constant use.

GENERAL REPAIR SHOPS

Safety lights, tail lights and driving lights were repaired and installed on 45 pieces of equipment. The Carburetor and Ignition Shop completed 106 operations. The Car and Truck Shop completed a total of 27 major and minor operations. The Mower, Carpenter and Tin Shops completed a total of 51 major and minor operations. The Inspection Section was constantly occupied with regular and special assignments including readying new equipment for official inspection. The Machine Shop completed a total of 182 major and minor operations. The following work was completed on the road and in the shops: 56 major and minor operations by the Equipment Operations Section; 11 major and minor operations, Heavy Equipment Shop; Diesel Shop, 43 major and minor operations.

BUILDING MAINTENANCE SECTION

The Building Maintenance Section completed the following operations throughout the State:

Fernwood Service Station	Repaired overhead doors in Bldg. #25 and #1. Repaired sprayers in damp room, air compressor and sump pump in celler, Bldg. #18. Repaired and installed awnings at Bldg. #20. Repaired and repacked pump in pump house, Bldg. #3. Repaired overhead door in rear of Bldg. #17, repaired and painted fence around transformers at Bldg. #35. Removed three windows and

[illegible] following new equipment was received during the month by the Bureau [illegible] & Equipment: one Mills Cinderer, Model TM-II, tipper; twelve [illegible] International medium duty dump trucks, one Ford, 3/4-ton pickup truck [illegible] automatic tail-gate; six Plymouth, 2-door sedans; six Black Hawk T-4 [illegible] jacks; four Black Hawk J-J transmission jacks and ten pair [illegible] Hawk, Model HX7, 7-ton iron stands.

[illegible] following work was accomplished in this section: repaired and painted 26 spreader sides and safety seats; eight L-0 spreaders; equipped nine new [illegible] for snow removal and ice control; relocated power lifts on two [illegible] trucks; repaired three trip spreaders, 67 hydraulic ramps and 98 hydraulic rams; tested 230 hydraulic hoses; cleaned two radiators. The steam [illegible] was in constant use.

[illegible] safety lights, tail lights and driving lights were repaired and installed [illegible] of equipment. The Carburetor and Ignition Shop completed [illegible] operations. The Car and Truck Shop completed a total of 27 major and minor operations. The Mower, Carpenter and Tin Shops completed a total [illegible] 51 major and minor operations. The Inspection Section was constantly occupied with regular and special assignments including receiving new equipment for official inspection. The Machine Shop completed a total of 142 major and minor operations. The following work was completed on the road in the shops: 56 major and minor operations by the Equipment Operations Section; 11 major and minor operations, Heavy Equipment Shop; Diesel Shop, 43 major and minor operations.

[illegible] the Building Maintenance Section completed the following operations throughout the State:

Sherwood Service Station

Repaired overhead doors in Bldg. #25 and #1. Repaired sumpers in damp room, air compressor and sump pump in cellar, Bldg. #17. Repaired and installed awnings at Bldg. #20. Repaired and repacked pump in pump house, Bldg. #3. Repaired overhead door in rear of Bldg. #17, repaired [illegible] Bldg. [illegible]. Removed three windows and

	installed "I" beam inside wall of Bldg. #11 for new overhead door. Removed old stair case and installed new stairs to second landing; removed old paint spray booth and stored same; blocked in hole in wall; installed air line in shop at Bldg. #21. Repaired gates #9 and #10 which were damaged by an automobile in parking area, rear of Main Bldg.
Avenel Garage	Installed new baseboard heating unit in office.
Branchville Garage	Erected bench for batteries and testing equipment.
Bridgeport Maintenance Yard	Cut two steel casement windows to size for new building.
Belmar Office and Work Shop	Installed hot water system in Bureau of Electrical Operations office and work shop.
Hammonton Garage	Finished erecting gas house and boiler room. Began installation of new heater and heating system.
Lodi Garage	Cleaned boiler and tubes, serviced burner and controls preparatory to inspection and for winter use.
Netcong Garage	Installed and connected fuel tank for new generator.
Newark Garage	Replaced bad nipples and welded hand hole plates in boiler. General maintenance consisting of replacing broken glass, patching wooden block flooring and roofs.

CLAIMS

A total of $2,094.90 was collected during the month on insurance claims.

Installed "I" beam inside wall of Bldg. #11 for new overhead door. Removed old stair case and installed new stairs to second landing; removed old paint spray booth and stored same; blocked in hole in wall; installed air line in shop at Bldg. #21. Repaired gates #9 and #10 which were damaged by an automobile in parking area, rear of Main Bldg.

Installed new baseboard heating unit in office.

Erected bench for batteries and testing equipment.

Cut two steel casement windows to size for new building.

Electrical Operations office and work

Minimized freezing gas house and boiler room. Began installation of new heater and heating system.

and controls preparatory to inspection and for winter use.

Installed and connected fuel tank for new generator.

Replaced bad nipples and welded hand hole plates in boiler. General maintenance consisting of repairs broken glass, patching wooden block flooring and roofs.

A total of $2,091.90 was collected during the month on insurance claims.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: PERSONNEL

Bureau:

SAFETY, PLANT SECURITY AND DISPENSARY

Arrangements have been made with the Department of Defense to hold first aid classes commencing on Wednesday, August 10, in the various armories throughout the State. These pilot courses will be given to the maintenance foremen, assistant foremen and truck drivers of each district.

The overall plan is to have all maintenance personnel working in the field trained in first aid. It is believed that this will tend to greatly reduce injuries on the job. It is said that one who is trained in first aid becomes very safety-minded.

In the near future, the same plan will be applied to other bureaus within the Department. It is hoped that out of these classes we may develop several instructors who will assist in the future training of all our personnel.

Equipment Training

Plans are presently being prepared for re-examination of equipment operators and also to train potential operators. It is further planned that new personnel coming into the Department for the position of equipment operator, truck driver, or chauffeur, will be given a qualifying test and instructions as to what the Department expects of a driver and operator behavior -wise in their respective assignments. They will be indoctrinated in the proper care of their equipment as well.

Plant Security

Plans and specifications for placing more security in the Laboratory building are presently underway and when completed will place the Laboratory in complete security under the Fernwood Service Station guard system.

In order to eliminate property damage and possible personal injuries among individuals using the #3 parking area for practice driving purposes, a plan has been adopted whereby the entrances to this area will be closed off each day after regular work hours by the medium of a chain across the driveway with proper signs placed in the area of the driveways advising that other than employees and guards are not admitted. This action has become necessary because of recent damage caused by practice drivers using the area.

Dispensary

Examination of employees wishing to return to work after being involved in accidents or extended personal illnesses is being continued and is proving very worthwhile, reducing the loss of time when they return too soon and saving considerable money in compensation claims.

IN REPLY PLEASE REFER TO

Monthly Report
Division of Planning,
Research, Soils
and Tests.

State of New Jersey

STATE HIGHWAY DEPARTMENT

DWIGHT R. G. PALMER, COMMISSIONER

TRENTON 25

August 1st,1960

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the Month of July 1960.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Howard N. Rigby

Howard N. Rigby
Director and Chief Engineer
Division Planning,Research,Soils & Tests

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **July** 1960

Division: **Planning, Research, Soils and Tests**

Bureau: **Planning and Traffic**

HIGHWAY USE SURVEY SECTION

Field

The regular programmed machine and manual counts were curtailed due to assignment of men and traffic counting machines to the Penn-Jersey Transportation Survey.

Office

Because of the diversion of qualified personnel to prepare schedules, etc., for loadometer and other special surveys, the normal functions of processing and reviewing field counts have been severely curtailed. We are still unable to start work on the 1959 traffic volume map for the same reason.

Special Surveys

Work continues on the Inventory of Urban Planning, the Penn-Jersey Transportation Survey and the Loadometer Survey.

TRAFFIC DESIGN AND RESEARCH SECTION

During this period, the major category of work for this section was forecasting and analysis of traffic volumes for the Title 23, Section 104(b)(5) Revised Interstate Cost Estimates. Some basic analytical research was also carried out in traffic signal synchronization.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals; has received and processed miscellaneous traffic investigations and has checked the timing and operations of signalized intersections.

TRAFFIC SAFETY, CONTROL AND REGULATION SECTION

The assignments under way in this section consisted of radar speed meter surveys for speed zone studies, laying out and processing "no parking" regulations; making traffic investigations and parking studies; preparing and processing other traffic regulations and coordinating departmental review of riparian rights.

HIGHWAY PLANNING SURVEY SECTION

Road Inventory

Field work has been suspended due to lack of personnel. Reassignment of personnel to projects with higher priority was necessary.

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

Road Life Studies

Personnel previously working on Road Life have been assigned temporarily to the Interstate Cost Estimate Revision Study. Work on Road Life will be resumed about the middle of August.

Mapping

The General Highway Series Base Maps are being revised and urban enlargements are being prepared by our drafting personnel.

Auditing and Accounting

Local Road Finance data is being collected for the 1959 Report. Forty per cent of this field work has been completed.

PENN-JERSEY TRANSPORTATION STUDY

Field Work - External Survey(O. & D.)

One party chief, one assistant party chief and eight interviewers are collecting data on the external cordon line. This phase of work is being supervised by Planning and Traffic personnel.

Field Work - Land Use

Three field offices are in operation on this phase of work in New Jersey. Under the supervision of the District Chiefs, land use studies are being made. At the same time, list of homes and apartments within the survey area are being prepared. Home interviews are now under way.

Committee Meetings

July 8, 1960, Policy Committee, attended by Mr. Hartmann and Mr. Severns.

July 22, 1960, Technical Committee, attended by Mr. Berberich and Mr. Severns.

A contract with the Service Bureau Corporation for the selection of a ten per cent sample of truck registations covering the State was executed. The Service Bureau Corporation will furnish this sample on a reproduced deck of punch cards which, in turn, will be forwarded to the office of the Penn-Jersey Transportation Study in Philadelphia for listing and removal of non-area samples.

[illegible]

[illegible]

[illegible]

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

LOADOMETER

The Loadometer Tables for 1959 have been computed and are now being typed for submittal to the Bureau of Public Roads.

Two parties consisting of temporary employees are now operating the Loadometer stations.

TITLE 23, SECTION 104(b)(5) INTERSTATE COST ESTIMATES

During this period all the final estimates prepared by field groups have been received by the central office.

Justification for number of lanes and interchanges were also prepared and sent to the Bureau of Public Roads for approval.

The Right-of-Way Division completed all submittals of right-of-way estimates on July 28, 1960.

The Research Section of the Bureau of Planning and Traffic completed submittals of traffic data for this cost estimate during this period which were then reviewed by the Bureau of Public Roads. Remaining work on cross road traffic is now underway.

Strip maps have been completed with the exception of corrections resulting from further reviews.

In the final table preparations, all tables have been posted in pencil form and preliminary totals are being prepared and checks are being applied.

Preparation of final reproduction of tables are as follows:

Table "A" completed except for mileage.

Table "B" all routes typed, coded, punched and tabulated.

Table "C" Interstate Routes 495, 680 and 80-S typed and coded.

Table "C-1" Interstate Routes 495, 680 and 80-S typed and coded.

The State map is ready for reproduction.

It is expected that all checks will be completed the first week of August and reproduction of report in printed form will be started the second week of August. It is estimated the final printed report will be completed by the end of August.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **July** 19 60

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

ADDITIONAL STUDIES

Northeastern Metropolitan Area Study

Mr. Hartmann attended a meeting of the Morris County Freeholders on July 5, 1960, to discuss the plans for this Study. The report was received with favorable reaction but no confirmation or agreements were reached at this time.

On July 26 and July 27, 1960, Mr. Marple of the Washington office of the Bureau of Public Roads, Mr. Rosenfeld of the Albany Regional office, Mr. Schmitt of the Trenton office, Mr. Berberich and Mr. Fritzsche of the State Highway Department held meetings to discuss the overall management and direction of conduct of this Study. It was clearly determined that the responsibility for the operation of the Study remains within the scope of the Highway Department. The operation is to be conducted with the possibility of obtaining several additional permanent positions to act as liaison between the Highway Department and a study staff similar to that of the Penn-Jersey Transportation Study. This study staff would be appointed on a temporary basis for the duration of the Study.

Newark Area Study

An agreement with the consulting firm of Edwards and Kelcey, and DeLeuw, Cather and Company has been executed and sent to the Bureau of Public Roads for approval.

The field work on external interviewing has been completed. Thirty per cent of the interview forms has been coded. Other phases of the Study are under way.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of 19

Division:

Bureau:

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, investigated reported pumping of new concrete pavement, in localized area, at foot of long grade, on FAI 78, vicinity of Bloomsbury, but found no positive evidence. Took close-interval pavement levels in this area, to determine magnitude of any future change in elevation. Also took levels in localized depressed area, and recommended to Maintenance Bureau that pavement in this area be mudjacked, to prevent serious damage.

Took gauge-plug measurements at experimental joints with nickel-coated dowels installed in 1958 on Route 202--no difference in performance between these joints and our standard joints being thus far apparent.

As continuing study, took miscellaneous measurements in connection with experimental continuously-reinforced concrete pavements constructed in 1947 on Route 130, vicinity of Hightstown. Except for two small areas which are undergoing deterioration, these pavements are still in good condition.

Made further limited investigations in connection with plain concrete pavement constructed in 1941 and 1942 on Fort Dix Access Roads. From shoulder excavations made adjacent to several joints where restraint cracking has occurred, it appears that at least portions of this pavement are now under damaging compressive stresses during hot weather, due basically to the infiltration of solid materials at the joints.

Arranged for series of tests to determine the possibilities of "Homasote", for use as expansion-joint filler.

Inspected joint devices intended for use on Route 20, Section 4A.

BRIDGES

Installed new monumented reference lines and incidental measuring points in connection with the Shark River Bridge, Route 35, Belmar. Owing to very serious displacements, a new span was recently added to the south end of this bridge. The purpose of these installations is to determine the nature and degree of any future changes.

Installed additional monumented reference lines and incidental measuring points in connection with the Shark River Bridge, Route 71, Belmar. From previous measurements, the indications are that the lands adjacent to this stream undergo a very slow but progressive movement towards the stream, and that it is this phenomenon which accounts for the loss in expansion space which has taken place over a period of years. By means of these installations, and the use of our new 400-foot invar tape, it is expected to develop very precise data relating to this phenomenon.

[illegible]

[illegible]

[illegible] collaboration with Soils Bureau, investigated reported upheaving of new concrete pavement, in localized area, at foot of long grade, on Rt 73, [illegible]ity of Moorsbury, but found no positive evidence. Took close-interval [illegible]t levels in this area, to determine magnitude of any future change [illegible] elevation. Also took levels in localized depressed area, and recommended [illegible] maintenance bureau that pavement in this area be monitored, to prevent [illegible].

[illegible] gage-plug measurements at experimental joints with nickel-coated dowels [illegible]ed in 1958 on route 202--no difference in performance between these [illegible]s and our standard joints being thus far apparent.

[illegible] continuity study, took miscellaneous pass remarks in connection with [illegible] continuously-reinforced concrete pavements constructed in 1947 [illegible] route 130, vicinity of Hightstown. Except for two small areas which [illegible] undergoing deterioration, these pavements are still in good condition.

[illegible] further limited investigations in connection with plain concrete pavement [illegible]ed in 1941 and 1942 on Fort Dix Access Roads. From another ex-[illegible]ns made adjacent to several joints where resultant cracking has occurred, [illegible]ns that at least portions of this pavement are now under damaging [illegible]ive stresses during hot weather, due basically to the infiltration [illegible] solid materials at the joints.

[illegible] for series of tests to determine the possibilities of "Homasote", [illegible] as expansion-joint filler.

[illegible]ted joint devices intended for use on Route 20, section 4A.

[illegible]

[illegible]talled new monumented reference lines and incidental measuring points in [illegible]nection with the Shark River Bridge, Route 35, Neptune. Owing to very serious [illegible] conditions, a new span was recently added to the south end of this bridge. The purpose of these installations is to determine the nature and degree of [illegible].

[illegible]talled additional monumented reference lines and incidental measuring [illegible]s in connection with the Shark River Bridge, Route 71, Belmar. From [illegible] observations measurements, the indications are that the lands adjacent to this [illegible] stream undergo a very slow but progressive movement towards the stream, and that it is this phenomenon which accounts for the loss in expansion space which has taken place over a period of years. By means of these installations, and the use of our new 400-foot invar tape, it is expected to develop very [illegible] data relating to this phenomenon.

Prepared and submitted reports on the following bridges: (a) Inland Waterway, Route 88, Point Pleasant, (b) Inland Waterway, Lovelandtown, (c) Raccoon Creek, Route 130, Bridgeport. Also took measurements on (a) Passaic River Bridge, Route 3, and (b) Manasquan River Bridge, Route 35. The latter bridge has exhibited the same progressive loss in expansion space as observed in connection with the two bridges over the Shark River, at Belmar.

Investigated serious wash-out failure of rip-rap in connection with bridge over Pohatcong Creek, Route FAI 78, and reported to Bridge Division on same.

Prepared compilation of pictures taken of the disintegrated condition of the decks of several bridges, and transmitted this compilation to the Bridge Division.

MISCELLANEOUS

Prepared specifications for the use of galvanized steel beam guard rail in future contracts.

Reviewed outline of AASHO "Recommended Practices for the Quality Control of Rigid Pavement Construction", and submitted comments and suggestions in connection therewith.

Conferred with representatives of the Owens-Corning Fiberglas Corporation, with reference to the possible beneficial effects of the incorporation of Fiberglas fabric in bituminous surfacing materials, from the standpoint of crack-prevention. Subject to further consideration, an experimental installation may be warranted.

Conferred with representatives of the Firestone Rubber Company regarding the use of rubber in bituminous surfacing materials. No conclusions were reached.

In collaboration with Bridge Division, participated in tests to determine the effectiveness of an epoxy resin compound in attaching steel plates to bridge decks, as contemplated in connection with the Hackensack River Bridge, Route 3, Secaucus.

Conferred with representatives of the New Jersey Bituminous Concrete Association and the Asphalt Institute regarding a continuation of the investigations to determine the cause of failure of certain of our bituminous pavements.

Representative of Bureau attended a meeting of the Highway Research Board "Committee on Composite Pavement Design", in Columbus, Ohio, and reported on same.

Prepared and submitted reports on the following bridges: (a) Island Gateway, Route 24, Point Pleasant, (b) Island Heights, Smithville, (c) Saucon Creek, Route 130, Bridgeport. Also took measurements on (d) Passaic River Bridge, Route 3, and (e) Kosciusko River Bridge, Route 35. The latter bridge has exhibited the same progressive loss in expansion space as observed in connection with the two bridges over the Shark River, at Belmar.

Investigated serious wash-out failure of rip-rap in connection with bridge over Pohatcong Creek, Route FAI 78, and reported to Bridge Division on same.

Prepared compilation of pictures taken of the disintegrated condition of the deck of several bridges, and transmitted this compilation to the Bridge Division.

PROCEDURE

Prepared specifications for the use of galvanized steel beam guard rail in future contracts.

Reviewed outline of AASHO "Recommended Practices for the Quality Control of Rigid Pavement Construction", and submitted comments and suggestions in connection therewith.

Conferred with representatives of the Owens-Corning Fiberglas Corporation, with reference to the possible beneficial effects of the incorporation of Fiberglas fabric in bituminous surfacing materials, from the standpoint of crack-prevention. Subject to further consideration, an experimental installation may be warranted.

Conferred with representatives of the Firestone Rubber Company regarding the use of rubber in bituminous surfacing materials. No conclusions were reached.

In collaboration with Bridge Division, participated in tests to determine the effectiveness of an epoxy resin compound in attaching steel plates to bridge decks, as contemplated in connection with the Hackensack River Bridge, Route 7, Secaucus.

Conferred with representatives of the New Jersey Bituminous Concrete Association and the Asphalt Institute regarding a continuation of the investigations to determine the cause of failure of certain of our bituminous pavements.

Representative of Bureau attended a meeting of the Highway Research Board "Symposium on Chemical Pressure Impregnation", in Columbus, Ohio, and reported on same.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July, 19 60

Division: Planning, Research, Soils and Tests

Bureau: Soils

Engineering

The evaluation of the "Geochrone", a seismic device produced by the National Electronics Laboratory, Inc., has been completed and the instrument returned to the manufacturer. Our evaluation indicated that although on occasion satisfactory results could be obtained for a particular earth-rock formation, the reliability of the instrument was questionable. The application of the particular theory involved is sound. However, the mechanics of the device itself leave much to be desired. A complete report which includes the actual data of the seventeen test trials performed, a discussion of the data presented, conclusions and recommendations was presented the manufacturer.

In addition, an evaluation questionnaire submitted by the manufacturer was completed and returned. There is no intention at the present time to recommend purchase of this device at least until certain modifications and improvements are made by the manufacturer.

A new specification controlling the excavation of rock in deep cuts has been prepared in an effort to provide a scheme that will prevent the undercutting or shattering of the finished rock slope in cuts. The generally poor condition of rock slopes on various projects throughout the State has been a major concern of this Bureau for the past several years. We are confident that this specification, which in essence controls the pattern of blasting during the excavation of the rock, will materially reduce the future maintenance of the rock slopes which could be an extremely costly item, particularly on Interstate routes.

Construction

The contractor, Brann and Stuart, has resumed dredging of the Zone 2 material from the wet excavation refill area on Route 295, Section 1C. This material failed to comply with the gradation requirements of our specifications. The contractor has added a 10' extension to the dredge ladder which will permit the dredge presently being used to excavate to elevation -42'.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Planning, Research, Soils & Tests

Bureau: Testing and Materials

NEW MATERIALS

Preformed Paper Boards of various thicknesses manufactured by the Homasote Company were tested for possible use as joint material for concrete pavements. A Traffic Cone of the design used by our field maintenance forces was received for test from the Bureau of Purchase & Stores. Seven Anchor Bolts of A-7 steel were tested for the Bridge Division.

MATERIALS' DEVELOPMENT

Marshall tests made on quarry process material for use in Stabilized Base Course on Sherman & Merritt Aves., Elizabeth, Union Co., M.A., U-4-58. Laboratory Investigation (1949-4) completed on reclaimed rubber (Ramflex) produced by U.S. Rubber Reclaiming Co., Inc., Buffalo, N.Y. White Curb Mixes, Cured with pigmented, non-pigmented curing materials and untreated were tested and reported. Products being supplied for State use by three dolomite producers were investigated. Seven geological analyses made by the Laboratory Geologist. Eight quality control samples and four ledge rock samples were received and tested. Soils Laboratory is continuing contract testing with soils consultants. Tests completed on White Curb Mortar Mix (Strocco) for State specification use.

PERFORMANCE TESTING AND INSPECTION

The first monthly evaluation of Experimental Traffic Paint Test Lines (1960 Series, including a number of variations of white paint, yellow paint, regular and waterproof beads, as well as green and blue traffic paints) was made on Rt. U.S. 130 east of Robbinsville. Inspection made on the application, sprayability, drying time and wet film thickness obtained with an experimental batch of Type III White Traffic Paint, N.J. Specifications, on Route U.S. 130 from Bordentown to Hightstown - road durability tests will be evaluated monthly to determine its performance. Inspection of a Bituminous Sand bank and a change in classification of a Stone Aggregate made. A Gravel Aggregate supplier was informed that his gravel no longer complied with Specifications. Tested the ability of a Modified Epoxy Resin to cement a steel plate to an existing bituminous concrete pavement surface.

PERSONNEL

Three Assistant Engineers, Highway (Trainees) were given the regular instructional course in both the Laboratory and field.

MEETINGS

Representative of the Bureau of Public Roads and the Laboratory met to discuss and establish procedures to be used in reporting test results of samples submitted from Federal Aid Projects.

SAMPLES RECEIVED

During this month, 2969 samples were received for test as compared with 3010 samples received for the corresponding month of 1959.

JCR/AM 8-1-60.

Laboratory, Research, Soils & Tests

Paving and Materials

[illegible]

[illegible]med Paper Boards of various thicknesses manufactured by the Homasote Company were tested for possible use as joint material for concrete pavements. A Traffic Cone of the design used by our field maintenance forces was received for test from the Bureau of Purchase & Stores. Seven Anchor Bolts of A-7 steel were tested for the Bridge Division.

Materials' Investigation

Marshall tests made on quarry process material for use in stabilized base course on Jackman & Merritt Aves., Elizabeth, Union Co., N.J., U-N-58. Laboratory Investigation (1949-4) completed on reclaimed rubber (Hamflex) produced by U.S. Rubber Reclaiming Co., Inc., Buffalo, N.Y. White Curb Mixes, Cured with pigmented, non-pigmented curing materials and untreated were tested and reported. Products being supplied for State use by three dolomite producers were investigated. Seven geological analyses made by the Laboratory Geologist. Eight quality control samples and four Judge rock samples were received and tested. Soils Laboratory is continuing contract testing with soils consultants. Tests completed on White Curb Mortar Mix (Stucco) for State specification use.

Traffic Paint Investigation

The first monthly evaluation of Experimental Traffic Paint Test Lines (1950 series, including a number of variations of white paint, yellow paint, regular and waterproof beads, as well as green and blue traffic paints) was made on Rt. U.S. 130 east of Robbinsville. Inspection made on the application, sprayability, drying time and wet film thickness obtained with an experimental batch of Type III White Traffic Paint, N.J. Specifications, on Route U.S. 130 from Bordentown to Mightstown - road durability tests will be evaluated monthly to determine its performance. Inspection of a bituminous sand bank and a change in classification of a Stone Aggregate made. A Gravel Aggregate supplier was informed that his gravel no longer complied with Specifications. Tested the ability of a Modified Epoxy Resin to cement a steel plate to an existing bituminous concrete pavement surface.

Personnel

Three Assistant Engineers, Highway (Trainees) were given the regular instructional course in both the Laboratory and Field.

Training

Representative of the Bureau of Public Roads and the Laboratory met to discuss and establish procedures to be used in reporting test results of samples submitted from Federal Aid Projects.

Material Samples

During this month, 2460 samples were received for test as compared with 3010 samples received for the corresponding month of 1959.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **July** 19 60

Division: **Planning, Research, Soils & Tests**

Bureau: **Testing and Materials**

NEW MATERIALS

Preformed Paper Boards of various thicknesses manufactured by the Homasote Company were tested for possible use as joint material for concrete pavements. A Traffic Cone of the design used by our field maintenance forces was received for test from the Bureau of Purchase & Stores. Seven Anchor Bolts of A-7 steel were tested for the Bridge Division.

MATERIALS' DEVELOPMENT

Marshall tests made on quarry process material for use in Stabilized Base Course on Sherman & Merritt Aves., Elizabeth, Union Co., M.A., U-4-58. Laboratory Investigation (1949-4) completed on reclaimed rubber (Ramflex) produced by U.S. Rubber Reclaiming Co., Inc., Buffalo, N.Y. White Curb Mixes, Cured with pigmented, non-pigmented curing materials and untreated were tested and reported. Products being supplied for State use by three dolomite producers were investigated. Seven geological analyses made by the Laboratory Geologist. Eight quality control samples and four ledge rock samples were received and tested. Soils Laboratory is continuing contract testing with soils consultants. Tests completed on White Curb Mortar Mix (Strocco) for State specification use.

PERFORMANCE TESTING AND INSPECTION

The first monthly evaluation of Experimental Traffic Paint Test Lines (1960 Series, including a number of variations of white paint, yellow paint, regular and waterproof beads, as well as green and blue traffic paints) was made on Rt. U.S. 130 east of Robbinsville. Inspection made on the application, sprayability, drying time and wet film thickness obtained with an experimental batch of Type III White Traffic Paint, N.J. Specifications, on Route U.S. 130 from Bordentown to Hightstown - road durability tests will be evaluated monthly to determine its performance. Inspection of a Bituminous Sand bank and a change in classification of a Stone Aggregate made. A Gravel Aggregate supplier was informed that his gravel no longer complied with Specifications. Tested the ability of a Modified Epoxy Resin to cement a steel plate to an existing bituminous concrete pavement surface.

PERSONNEL

Three Assistant Engineers, Highway (Trainees) were given the regular instructional course in both the Laboratory and field.

MEETINGS

Representative of the Bureau of Public Roads and the Laboratory met to discuss and establish procedures to be used in reporting test results of samples submitted from Federal Aid Projects.

SAMPLES RECEIVED

During this month, 2969 samples were received for test as compared with 3010 samples received for the corresponding month of 1959.

JCR/AM 8-1-60.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 168 parcels, of which 15 were revisions.

GENERAL PROPERTY PARCEL MAPS

7 General Property Parcel Maps were approved as follows:

Route U.S. 22 (1953), Sec. 14	Essex County Line to Garden State Parkway. Negotiations authorized, set up $120,000.
Route 80, Sec. 2J	Route U.S. 46 to Route 53. Sheets 1,2, and 3 approved. Negotiations authorized in the name of New Jersey Power and Light Company.
Route U.S. 322(1953), Sec. 3	From Route 54 to Weymouth Road. Negotiations authorized, set up $55,000.
Route 28(1953), Sec. 3	Bridge Street to Green Creek. One sheet. No set up required.
Route 80, Sec. 4D	Glover Avenue to Passaic River. Showing parcels required for relocation of the D. L. & W Railroad Company. Negotiations authorized, no set up required.
Route 80, Sec. 4E	Two Bridges Road to Glover Avenue. 28 sheets approved. Negotiations authorized, set up $592,399.
Route FAI 104-2-(4)	Stelton Road to Route U.S. 1. One sheet approved. Negotiations authorized, no set up required.

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 131 items were presented to the Commissioner for action, including:

76 Agreements
23 Condemnations
1 Award
3 Appraisals
2 Judgments approved
4 Deeds of Conveyance
1 Authority to accept Riparian Grant at $500. per acre
1 Authority to sell "X" Parcel
9 Buildings sold at public auction
3 Bids for buildings sold at public auction rejected
1 Demolition Contract awarded
1 Release approved
4 Previous action recinded deleting parcels not to be acquired
1 Reduction in rate of consideration
1 Proposal of Title Company approved

Essex County Lines to Western State Railway. Appropriations authorized, set up $180,000.

Route U.S. 46 to route 23. Sheets 1, 2, and 3 approved. Appropriations authorized in the name of New Jersey Power and Light Company.

[illegible] authorized, set up $[illegible],000.

[illegible] No set up required.

Clover Avenue to Passaic River. Showing parcels required for relocation of the N. J. & W. Railroad Company. Appropriations authorized, no set up required.

Two [illegible] to Clover Avenue. 26 sheets [illegible].

Shelton road to route U.S. 1. One sheet approved. Appropriations authorized, no set up required.

[illegible] were presented to the Commissioner for action, tentatively

[illegible] parcels not to be acquired

APPRAISALS FOR OTHER DEPARTMENTS

1 Appraisal was made for the Department of Defense, on the property of the National Guard Amory, Roswell Avenue, Newark, N. J.

APPRAISAL ORDERS APPROVED

67 Appraisal Orders were approved with outside fee appraisers for a total of $35,465.00

John A. Whitehead

MB:pb

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Right of Way Acquisitions & Titles
Bureau: Legal

1. STATISTICAL

Papers drawn in July

Condemnation

Complaints - 13
Orders to Show Cause - 13
Orders of Continuance - 5
Orders for Judgment and Appointing Commissioners - 15
Orders Substituting Commissioners - 2
Orders Extending Time for Filing Report of Commissioners - 25
Reports of Commissioners - 6
Orders Granting Compensation to Commissioners - 2
Notice of Appeal - 1
Orders on Appeal - 4
Order Discontinuing Appeal - 1
Orders of Dismissal - 2
Judgments - 1

Miscellaneous

Notice of Motion to Dismiss Complaint - 1

Number of Deeds Approved - 73
Number of Titles Approved - 47

Court Appearances - 41

II. GENERAL ACTIVITIES

Court appearances appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal briefs and memoranda; conferences in re same; conferences with various Deputy Attorneys General.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial

Complaints - 13
Orders to Show Cause - 13
Orders of Continuance - 5
Orders for Judgment and Appointing Commissioners - 14
Orders Substituting Commissioners - 2
Orders Extending Time for Filing Report of Commissioners - 12
Reports of Commissioners - 6
Orders Granting Compensation to Commissioners - 2
Notice of Appeal - 1
Orders on Appeal - 4
Order Discontinuing Appeal - 1
Orders of Dismissal - 2
Judgments - 1

Notice of Motion to Dismiss Complaint - 1

Number of Deeds Approved - 73
Number of Titles Approved - 47

Court Appearance - 41

Court appearances; appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; briefs and memoranda; conferences in re cases; conferences

With department heads with reference to various memoranda for Commissioner Palmer; employees; approving, disapproving deed papers and documents;

III. INTERDEPARTMENTAL SERVICES (Cont'd)

preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

JL/mmd

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

80 searches and 122 continuation searches were completed throughout the State.

TITLE EXAMINING

53 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

107 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

47 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

62 final settlements were made with property owners.

CONDEMNATIONS

11 Title Memorandums were prepared and forwarded to the Department of Law. 128 condemnation notices were served.

TITLE COMPANIES

13 deeds were delivered through the offices of title companies.

5 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake

Edward H. Drake
Title Officer

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: Roads, Design & Construction

Bureau: Federal Aid Secondary Administration

PLANS

Checking plans for the following projects:

Haddon Avenue, Camden County, S132(4)
Palisades Avenue Bridge, Hudson County, S124(2)

PREPARING SPECIFICATIONS

Haddon Avenue, Camden County, S132(4)
Palisades Avenue Bridge, Hudson County, S124(2)

PROJECTS ADVERTISED

None

BIDS RECEIVED

Phillipsburg-Belvidere Road, Warren County, S228(3)
Mt. Holly-Burlington Road, Burlington County, S218(2)

CONTRACTS AWARDED

North Main Street, Somerset County, S117(5)
East Landis Avenue, Cumberland County, S242(3)
Phillipsburg-Belvidere Road, Warren County, S228(3)

PROJECTS ACCEPTED AS COMPLETE

Fort Mott Road, Salem County, S243(1)

PROGRAM

Twenty-sixth Supplemental Federal Aid Secondary Program containing four (4) projects submitted to the Bureau for their approval.

MISCELLANEOUS

Reviewing plans for proposed construction as requested by various Counties, checking As Built Plans for Final Payments, preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections, etc., Received Final Payment from Federal Government on F. A. S. Projects.

plans for the following projects:

don Avenue, Camden County, 8182(4)
avenue Bridge, Hudson County, 8124(2)

SEARCHING SPECIFICATIONS

ndon Avenue, Camden County, 8182(4)
, Hudson County, 8124(2)

Hillsburg-Belvidere Road, Warren County, 8229(5)
Holly-Burlington Road, Burlington County, 8218(2)

Twenty-sixth Supplemental Report
projects submitted to the Bureau for their approval.

MISCELLANEOUS

requested by various Commission,
preparing Final Estimates, etc.,
I V members on completed projects,

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JULY 19 60

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of I-95-7(10)65 Rt. 4 to Fletcher Ave. (Constr.); U-94(8) Rt. U.S. 130 Interchanges of Rt. U.S. 130 & U.S. 206 (ROW).

OFFICE ENGINEER

Processing Plans and Specifications for Rt. 10, Sec. 4B &5A, Livingston Circle to Teed Road; Rt. 22, Sec. 4B, Liberty Ave. Viaduct; Rt. 28, Sec. 3A & 4A, East St. to Lincoln Ave., Widening and resurfacing; Rt. 35, Sec. 2A, Brick Twp. to Seaside Heights, dualization; Rt. 36, Sec. 5A, Eatontown Circle to Oceanport Ave., dualization; Rt. 80, Sec. 1A and 2L, Landing Rd. to Netcong, grading and paving; Rt. 80, Sec. 4B, Slaughterdam Rd. to Chobot Lane, demolition; Rt. 80, Sec. 5G, Hackensack River Bridge Substructure; Rt. 80, Sec. 5J, Sand Drains vicinity of Green St.; Rt. 95, Sec. 1E, Teaneck Creek to Rt. 4, grading and sand drains; Rt. U.S. 130, Sec. 7B & 10B, Airport Circle to Salem Rd.,Barrier curb, jug handles, resurfacing, bridges.

INTERSTATE

Rt. 80, Sec. 1, preliminary studies continuing.; I-802L, Contract plans being revised to meet PS&E requirements of Bureau of Public Roads; I-80-2J, bids received; I-80-3 Denville to Wayne - alignment approved by Bureau of Public Roads July 28, 1960; I-80-4,Design progressing on Route 23 interchange; I-80-5, two contracts ready for advertising pending PS&E; also additional design work in order at Hudson St. & River Road; I-95-1, bids received on first two contracts; four other contract drawings 95% complete; I-287, design plans 75% complete; I-78-5, Springfield to Newark - public hearing was held on July 15, 1960; I-78-5 Berkeley Heights to Springfield - preparation of plans continuing as well as some advance right-of-way maps; I-280 East-West Freeway - alignment approved by the Bureau of Public Roads; Rt. 295; Kresson Road to Rt. 73 - final field trip with Bureau Public Roads on July 26, 1960.

MISCELLANEOUS

Rt. 22 - Liberty Avenue - plans revised and recompleted;
Rt. 17, Sec. 5B and 6A - island closings - plans completed and being processed for early advertising.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Design & Construction

Bureau: Road Construction

ROUTE	SECTION	LOCATION	PERCENTAGE COMPLETED July 1st.	Aug. 1st. 60
U.S. 1	6-A	Route U.S. 130 to College Farm Road	30%	42%
1 & 9	1 & 2	Ramp Revisions, Grading, Paving & Bridges, Newark	74%	75%
1 & 9	6A & 7A	Tonnele Ave. Traffic Circle to Fairview Avenue	40%	46%
1 & 9	8-A	From Wilt Avenue to DeGroot Avenue, Drainage		5%
1	8A &			
9	4A & 25A	Intersection Revision at Ernston Rd. & Conn. to Route 34	65%	89%
4	3-A	Lafayette Avenue to 1000' South of Kenwood St. Barrier Curb	18%	38%
U.S. 9	2	Cape May Canal Bridge and Approaches	85%	96%
10	2-A	Underpass at Salem Street	86%	96%
10	3-A	Newark & Mt. Pleasant Turnpike to Route 53	55%	70%
10	4-A	Livingston Traffic Circle to Whippany Troy Hills Road	60%	70%
12	1-A	Baptistown Pavement Reconstruction	29%	51%
15	1	Burnst Meadow Brook, Grading & Paving Br. Approaches	69%	90%
17	3	Underpass at Century Road	83%	92%
18	2	Clifton Avenue to New Jersey Turnpike	79%	84%
18	5	From 800' E. Spring Valley Road to Route U.S. 9	59%	70%
20	4-A	South Drive to Broadway, Paving & Bridges	2%	15%
21	1-B	Roosevelt Avenue to Highfield Lane	96%	96%
21	1-C	From Highfield Lane to So. Parkway, Grading, Paving & Br.	40%	47%
U.S. 22	1-A	Intersection Revision at Roseberry St. Phillipsburg	8%	21%
28	1A & 7A	Colidge Place to Bridge St. R.R. Bridge Reconstruction		4%
29	15-A)	Wilburtha Road to Scudders Falls		
129	1-A)	Delaware River Bridge to Scotch Road	47%	58%
30	14-A	From Eleventh St. to Kaighn Ave. Overpass & Resurfacing	7%	49%
35	6A & 4A	From 1500' So. of Eatontown Traffic Circle, Widening	8%	12%
35	12-B	From Smith St. to New Jersey Turnpike, Widening & Resurf.	38%	53%
38	1A & 2A	From Church Road to Marter Avenue, Dualization	66%	80%
69	5-A	From Back Brook to Rocktown, Pavement Widening & Resurf.		1.0%
73	2-A	So. Branch Pennsauken Creek to Route 38	26%	38%
U.S. 78	2-E	Central R.R. of N. J. to Mulhockaway Creek	92%	95%
80	2-E	Route U.S. 46 to Landing Rd. Bridge & Incidental Paving	60%	69%
80	2-H	Landing Road Interchange to Howard Blvd., Grading & Paving	9%	17%
80	4-A	Bridge over Relocated Route 20	66%	83%
80-S	1 &)	U.S. 130 to Browning Road & Route 80-S Interchange to		
295	2-G)	Copley Road	79%	83%
82	1-A	L.V.R.R. Bridge & Pavement Reconstruction	27%	31%
95	1-D	Overpass Bridges at Broad Avenue and Grand Avenue Etc.		0.09%
130	7A & 8B	From Interchange at Route 73 Township of Pennsauken	9%	12%
130	8A & 9A	From Coopertown Road to Cinnaminson Avenue	60%	78%
169	1	Constable Hook to Point Breeze	58%	60%
202	8-A	Dualization So. Br. Raritan River to Beechwood Drive		0.5%
208	2-A Etc.	Interchanges Borough of Franklin Lakes	28%	42%
208	3-A	Maple Avenue to Goffle Road, Pedestrian Overpass	58%	78%
287	1-B	Interchange to Viaduct at Lehigh Valley Railroad	25%	43%
287	1C & 2B	Weston Canal Road to River Road Interchange	52%	66%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	70%	70%
295	1-D	Rt. 47 to Rt. U.S. 130, Grading, Paving and Bridges	47%	48%
322	1	Weymouth Road to Route 50, Dualization	79%	91%
		N. J. State Teachers College at Union, Contract #2	94%	94%
9	25-B	Improvements at Grove Avenue		19%

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 1960

Division: Design & Construction

Bureau: Road Construction

CONTRACT AWARDED IN JULY

Route 95, Section 1-C, From Teaneck Road to Teaneck Creek. Awarded to American Dredging Company on July 20, 1960.

CONTRACT ACCEPTED IN JULY

Route 130, Sections 10A, 11A & 12A - Drainage Improvements in Burlington, Florence and Bordentown. Accepted July 14, 1960.

GENERAL NOTES

As of August 1, 1960, there were 53 projects underway, valued at $83,603,620. and being inspected by 179 men.

E. Y. Corson

E. Y. Corson
Supervising Engineer, Bureau of Road Construction

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of July 19 60

Division: State Aid

Bureau:

General: High rate of progress has been maintained by the Counties and Municipalities on their State Aid programs during the period.

Counties: Bituminous Surface Treatment programs in some counties are finishing up. 42 items requiring office processing were received; processing was completed on 66 items.

Municipalities: Good progress during the period has been made on Maintenance and Construction work. During the period 21 construction projects were completed. Allocation of 1960 Herrick Act Funds for Atlantic and Hunterdon Counties are still unapproved.

Personnel: Multiple assignments for inspectors during period was the usual condition. Reduction in number of inspectors assigned to Federal Aid Secondary projects has helped in covering State Aid projects with inspectors.

[illegible]ce of progress has been maintained by the Counties and [illegible]alities on their State Aid programs during the period.

[illegible] [illegible]ness surface treatment programs in some counties are [illegible]ing up. 42 items requiring office processing were [illegible] processing was completed on 66 items.

[illegible] [illegible]ress during the period has been made on [illegible] and Construction work. During the period 21 [illegible]uction projects were completed. Allocation of $360 [illegible] for Aitkin and Murderdon Counties are [illegible].

[illegible]:Multiple assignments for inspectors during period was the usual condition. Reduction in number of inspectors assigned to Federal Aid Secondary projects has helped in covering State Aid projects with inspectors.